

Appendix B

Maps of Quarterly Mean Concentrations

Figure B-1. First Quarter 2000 Mean SO₂ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-2. Second Quarter 2000 Mean SO₂ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-3. Third Quarter 2000 Mean SO₂ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-4. Fourth Quarter 2000 Mean SO₂ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-5. First Quarter 2000 Mean Particulate SO_4^{2-} Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-6. Second Quarter 2000 Mean Particulate SO_4^{2-} Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-7. Third Quarter 2000 Mean Particulate SO_4^{2-} Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-8. Fourth Quarter 2000 Mean Particulate SO_4^{2-} Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-9. First Quarter 2000 Mean HNO₃ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-10.** Second Quarter 2000 Mean HNO₃ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-11. Third Quarter 2000 Mean HNO₃ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-12.** Fourth Quarter 2000 Mean HNO₃ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-13. First Quarter 2000 Mean Particulate NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-14. Second Quarter 2000 Mean Particulate NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-15. Third Quarter 2000 Mean Particulate NO_3^- Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-16.** Fourth Quarter 2000 Mean Particulate NO_3^- Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-17. First Quarter 2000 Mean Total NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-18.** Second Quarter 2000 Mean Total NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-19. Third Quarter 2000 Mean Total NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-20.** Fourth Quarter 2000 Mean Total NO₃⁻ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-21. First Quarter 2000 Mean Particulate NH_4^+ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-22.** Second Quarter 2000 Mean Particulate NH_4^+ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-23. Third Quarter 2000 Mean Particulate NH_4^+ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-24.** Fourth Quarter 2000 Mean Particulate NH_4^+ Concentrations ($\mu\text{g}/\text{m}^3$)

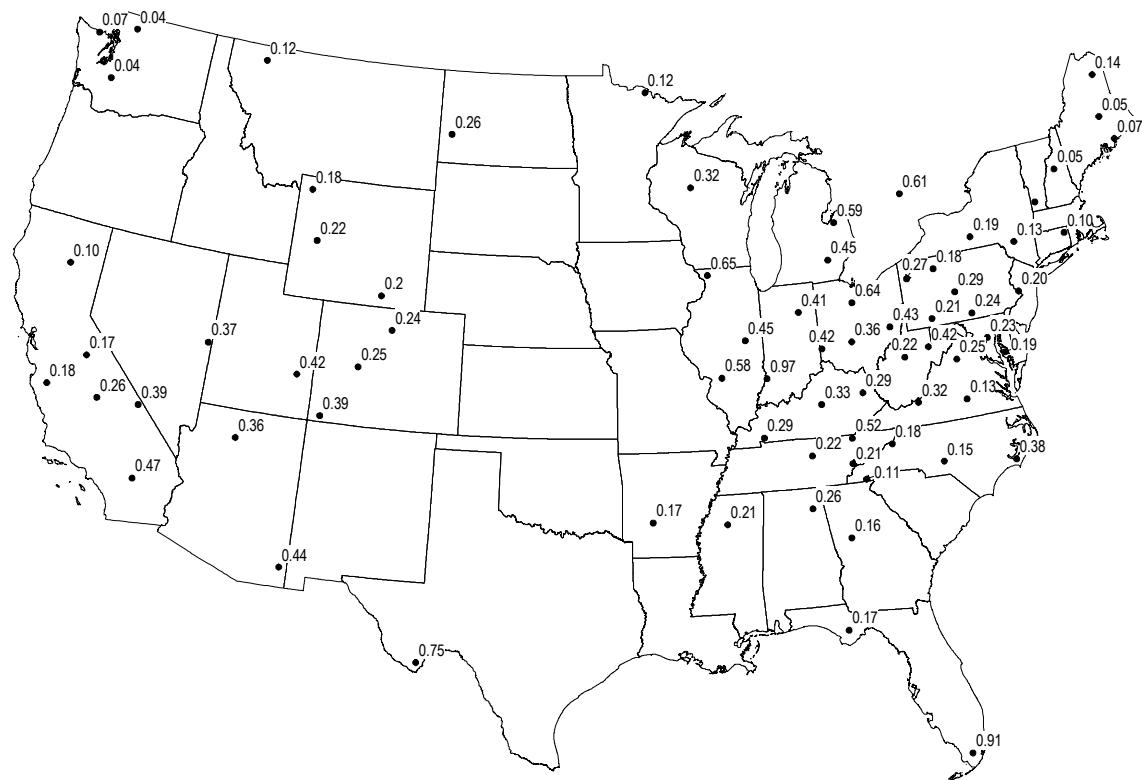
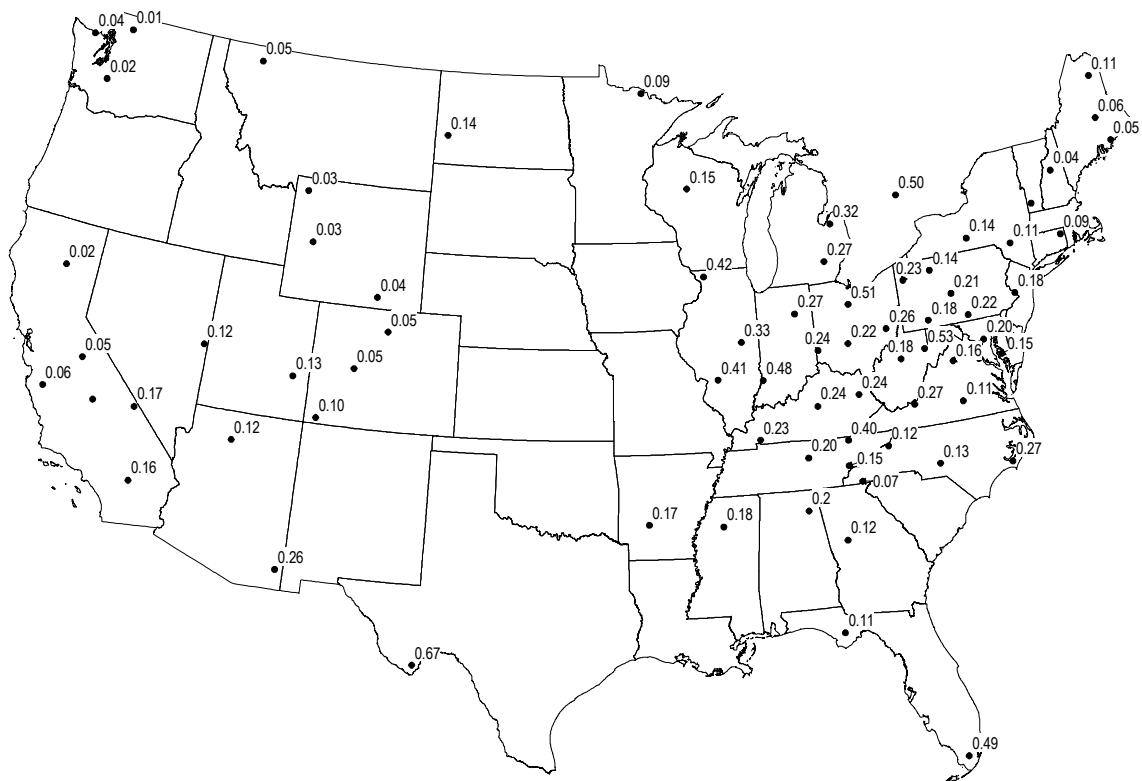
Figure B-25. First Quarter 2000 Mean Particulate Ca²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-26.** Second Quarter 2000 Mean Particulate Ca²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-27. Third Quarter 2000 Mean Particulate Ca²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

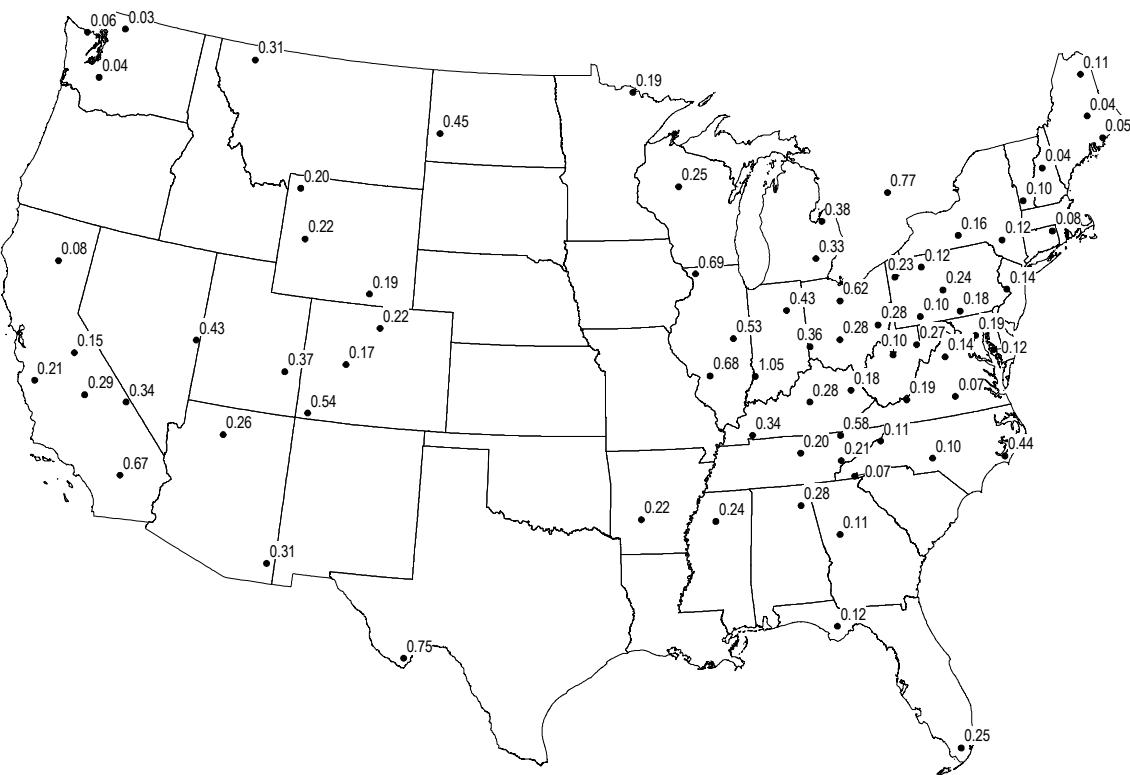


Figure B-28. Fourth Quarter 2000 Mean Particulate Ca²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-29. First Quarter 2000 Mean Particulate K⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-30.** Second Quarter 2000 Mean Particulate K⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-31. Third Quarter 2000 Mean Particulate K⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-32.** Fourth Quarter 2000 Mean Particulate K⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-33. First Quarter 2000 Mean Particulate Mg²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-34.** Second Quarter 2000 Mean Particulate Mg²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-35. Third Quarter 2000 Mean Particulate Mg²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-36.** Fourth Quarter 2000 Mean Particulate Mg²⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-37. First Quarter 2000 Mean Particulate Na⁺ Concentrations ($\mu\text{g}/\text{m}^3$)**Figure B-38.** Second Quarter 2000 Mean Particulate Na⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

Figure B-39. Third Quarter 2000 Mean Particulate Na⁺ Concentrations ($\mu\text{g}/\text{m}^3$)



Figure B-40. Fourth Quarter 2000 Mean Particulate Na⁺ Concentrations ($\mu\text{g}/\text{m}^3$)

